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No. 51] NEW DELHI, SATURDAY, DECEMBER 19, 1992 (AGRAHAYANA 28, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 19th December 1992

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Calcutta-700 020.

Rest of India.

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 19 दिसम्बर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवधित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल, (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नागर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप
मिनिकाय तथा अमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुमंजीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालयों में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part III, Sec. 2, dated the 2nd October, 1983 : (1) In Col 2, page 690 read the Int. Cl. as B 01 F 13/00 for Complete specification accepted No. 152124 instead of Int. Cl. B 01 13/00.

(2) In Col. 2 of page 691 read the Int. Class as C 22 C 33/00 instead of Int. Class C 22 33/00 for complete specification accepted No. 152129.

In the Gazette of India part III, sec. 2, dated the 17th December 1983. Col. 1 page 779, read the complete specification accepted No. as 152318 for application No. 425/Del/79 filed on 12th June, 1979 & Int. Cl. as B 08 B 3/00 instead of B 08 3/00;

delete line, of its title from company. of 28, R U E DE BONNEL, 69003 LYON FRANCE & read it as CHARACTERISTICS OF THE WALLS OF HEAT EXCHANGERS.

In the Gazette of India part III, sec. 2, dated the 24th December, 1983 in col. 2 of page 795 read the accepted No. as 152357 instead of 152337 for application for patent No. 1351/Cal/81 filed November 28, 1981.

In the Gazette of India part III, sec. 2, dated the 31st December, 1983, col. 2, of page 810 read the Int. Cl. as B 63 b 1/00 instead of Int. Cl. MB 63 b 1/00 for complete specification accepted No. 152388.

(i) In the Gazette of India part III, sec. 2, dated the 1st January 1983, col. 2, page 8, read the Class as 195 B instead of 195 for accepted for complete specification No. 150866.

(ii) dated the 15th January, 1983, col. 1, page 33, read the Class 64 B1 instead of Class 64 B for accepted complete specification No. 150920.

(iii) dated 29th January, 1983 col. 2, of page 48 & 52.

(a) read the class as 39 A2 instead of 39 A for accepted complete specification No. 150949, and in the same page, for accepted com. specn.

(iv) 150964, read the class as 186 A & 206 C instead of class 186 & 206 C

(v) dated the 12th February 1983, col 2, of page 77, read the class as 77 D + 83B5 for accepted complete specification No. 151013.

dated the 19th February, 1983, col 2, of page 95 read the class as 32 E & 136 C instead of Class 32 E & 36 C for accepted complete accepted specification No. 151071, and dated the same in col 1, of page 104 read the class as 32 F² (a) instead of 32 F (a) for accepted complete specification No. 151106.

dated the 26th February 1983, col. 1 of page 119 read the class as 70c5 instead of 70c & G for accepted complete specification No. 151147.

THE PATENT OFFICE

Calcutta, 19th December 1992

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dated shown in the crescent branch are the dates claimed under section 135, of the patents Act, 1970

3rd November 1992

807/Cal/92 : Wolfgang Mayer, A contour rope saw for stones or similar workpieces.

4th November 1992

808/Cal/92. Hans Oetiker AG Maschinen-und Apparatefabrik Oberdorfstrasse. Method and arrangement for connecting two parts along abutting edges and connection obtained thereby.

5th November 1992

809/Cal/92. KM-Kabelmetal Aktiengesellschaft. Casting rolers/sheils/moulds, capable of withstanding varying thermal stresses.

810/Cal/92. Sanki Kogyo Co., Ltd. Containers of live Marine animals.

811/Cal/92. Superba. Method and device for characterising a spun yarn.

9th November 1992

812/Cal/92. Spindelfabrik sus sen, schurr, stahlecker & Grill GmbH. A shaft coupling for bottom cylinders of drafting units on spinning machines.

813/Cal/92. Fritz stahlecker and Hans stahlecker. A Textile Machine comprising a plurality of drafting units arranged next to one another in a row.

814/Cal/92. Kortec Ag. Tuyere arrangement for the introtion of agents into a molten bath and method of operating such a tuyere.

815/Cal/92. Emitec Gesellschaft fur emissionstechnologie MBH. Method for brazing catalytic converter carrier bodies.

816/Cal/92. Texaco Development corporation. Dry, sulfur-free, CH_4-Enriched synthesis or fuel gas.

817/Cal/92. Krone Aktiengesellschaft. Remote-controlled master switch facility.

818/Cal/92. E.I.Du Pont De Nemours and Company. Process for making high strength, Low shrinkage polyamide yarn made thereby.

819/Cal/92. Metallgesellschaft Aktiengesellschaft. Reactor for drying water-containing solids in a heated fluidized bed method of operating the Reactor.

820/Cal/92. Metallgesellschaft Aktiengesellschaft. Fluidized bed reactor for cooling or heating granular solids by an indirect heat exchange.

821/Cal/92. United states borax & Chemical Corporation. Zinc Borate.

822/Cal/92. IBP Company Limited. An Explosive device and a process of manufacture thereof.

823/Cal/92. Indian Institute of Technology. A process for the preparation of protease enzyme.

11th November 1992

824/Cal/92. Ratan Kumar Mukherjee. An improved tyre for ropeway pulley system and an improved pulley system comprising same.

825/Cal/92. Samsung electronics Co., Ltd. Method for processing Billing information in an exchange system.

826/Cal/92. Porta systems corporation. High frequency patch cord data connector.

827/Cal/92. Jainendra Kumar Singh. An energy conscious brake.

12th November 1992

828/Cal/92. Macrovision corporation. Method and apparatus for scrambling and descrambling of video signals with edge fill.

829/Cal/92. Recticel Holding Noord BV. And Brian James Blackwell. Method and device for the continuous Manufacture of slabstock polyurethane foam within a predetermined pressure range.

830/Cal/92. Copeland Corporation. Scroll compressor with discharge diffuser.

831/Cal/92. Siemens Aktiengesellschaft. Device for suppressing combustion vibrations in a gas turbine plant combustion chamber.

832/Cal/92. Biofield Corporation. Depolarized pre-gelled electrodes.

13th November 1992

833/Cal/92. Yokogawa Electric Corporation. Distributed control system.

834/Cal/92. Emerson Electric Co. Electric motor mounting assembly (Divided out of No. 248/Cal/89. Antedated to 31-03-1989)

16th November 1992

835/Cal/92. Hoechst Aktiengesellschaft. Process for the preparation of a modified fiber material and process for the dyeing of the modified fiber material with anionic textile dyes.

836/Cal/92. Ross Operating valve company. Energy saving and monitoring pneumatic control valve system.

837/Cal/92. Ormat Industries Ltd. Method of and Apparatus for controlling turbulence in a wall-bounded flow field.

838/Cal/92. Betz International Inc. Method & Composition for treatment of metals. (Convention No. SN2, 059,962 dated 23-1-92; Canada)

17th November 1992

839/Cal/92. Biman Saha. An improved fuel economiser.

840/Cal/92. Santanu Roy. A Novel Process for utilising industrial or Agro Wast in a Thermosetting compound and artical therefrom.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 6th October 1992

616/Mas/92. Dana Corporation. Piston ring assembly.

617/Mas/92. Dana Corporation. Variable guide height valve seal.

618/Mas/92. Merlin Gerin. Manufacturing process of an electromagnetic trip device with overmolded striker and trip device thus obtained.

619/Mas/92. Merlin Gerin. Range of molded case low voltage circuit breakers.

The 7th October 1992

620/Mas/92. Reiter Ingolstadt Spinnereimeschinenbau Aktiengesellschaft. Method and apparatus for forming a reserve winding on a rotating empty tube.

621/MAS/92. Rieter Ingolstadt Spinnereimaschinenbau Aktiengesellschaft. Method and apparatus for placing an open end spinning apparatus.

622/MAS/92. Rieter Ingolstadt Spinnereimeschinenbau Aktiengesellschaft. Rotary plate for sliver-depositing devices.

623/MAS/92. Guala S.p.A.. A tamperproof closure for bottles and the like.

The 8th October 1992

624/MAS/92. Girivas Viswanath Shet. A method of manufacturing real foreign skotch whisky in India with the help of foreign liquor company chemists abroad.

625/MAS/92. Solvay Interox Limited. Compositions and uses thereof. (October 17, 1991. Great Britain).

626/MAS/92. Advanced Extraction Technologies, Inc. and Kinetics Technology International Corporation. Absorption process for ethylene and hydrogen recovery.

The 7th October 1992

627/MAS/92. Sandoz Ltd. Sulphur dye compositions and their production.

The 12th October 1992

628/MAS/92. Shell Internationale Research Maatschappij B. V. Hydrocarbon conversion catalysts.

The 13th October 1992

629/MAS/92. Nagaoka International Corporation. A screen having a protective frame for a horizontal or high-angle well.

630/MAS/92. Shell International Research Maatschappij B. V. Star polymers, a process for their preparation and lubricating oil compositions and concentrates containing them.

631/MAS/92. Hocchst Aktiengesellschaft. Process for the preparation of vinyl chloride.

The 14th October 1992

632/MAS/92. Dr. Sundresen Ramachandran and Mr. Tiruponiture Venkataraman Suresh. An apparatus for slag chilling.

633/MAS/92. Union Oil Company of California. Plant control composition and methods of use.

634/MAS/92. Merlin Gerin. Multipole circuit breaker with single pole units.

The 15th October 1992

635/MAS/92. SMS Schliemann-Siemag Aktiengesellschaft. Hot rolling process and hot rolling mill for metal strip.

636/MAS/92. MK Electric Limited. An electrical socket. (October 23, 1991; Great Britain).

637/MAS/92. Applied Research & Technology Limited. Wave energy converter.

638/MAS/92 Smithkline Peecham p.l.c. Beverages.

The 16th October 1992

639/MAS/92. Tube Investments of India Ltd. A shock resistant railway wagon.

The 19th October 1992

640/MAS/92. The Chemithon Corporation. Method for conditioning flue gas.

641/MAS/92. Institut Francais Du Petrole. Paraffin alkylation catalyst.

The 20th October 1992

642/MAS/92. Zeppelin Schuttguttechnik GmbH. Cellular wheel sluice.

The 21st October 1992

643/MAS/92. Tannirkulam Mudambi Vatsala and Chetpet Venkatasubban Seshadri. Microbial process for pulping of silk-cotton floos.

The 22nd October 1992

644/MAS/92. Transcom Gas Technologies Pty. Ltd. (October 23, 1991; Australia).

645/MAS/92. Transcom Gas Technologies Pty. Ltd. (October 23, 1991; Australia).

The 23rd October 1992

646/MAS/92. D. P. Balachandran. Moulding of fibre glass re-inforced plastic marine craft and other fibre glass re-inforced products from Masonry mould.

647/MAS/92. L & T-McNeil Limited. Radially expanding collapsing drum for tyre building.

The 26th October 1992

648/MAS/92. Urea Casale S.A. Process and equipment for the hydrolysis of residual urea in the water from synthesis plants.

649/MAS/92. Hoechst Aktiengesellschaft. Bradykinin-antagonists for the treatment of acute pencreafitis.

The 27th October 1992

650/MAS/92. Girivas Viswanath Shet. A process for preparing a novel imported sandella wood oil perfume in oil base form.

651/MAS/92. F. L. Smidth & Co. A/S. Method for controlling the material feed to a roller press for grinding particulate material.

652/MAS/92. Inventio AG. Fireproof shaft door for lift installations.

The 28th October 1992

653/MAS/92. The Pall Corporation. A device and a method for the depletion of the leukocyte content of a blood product. (Divided out of Patent Application No. 955/MAS/91).

654/MAS/92. The Graver Company. Cation exchange resins having an enhanced capacity for iron oxide.

The 30th October 1992

655/MAS/92. International Business Machines Corporation. Bus control logic for computer system having dual bus architecture.

656/MAS/92. International Business Machines Corporation. Arbitration control logic for computer system having dual bus architecture.

657/MAS/92. International Business Machines Corporation. Bus interface logic for computer system having dual bus architecture.

658/MAS/92. Internatitnal Business Machines Corporation. Bidirectional data storage facility for bus interface unit.

The 2nd November 1992

659/MAS/92. Markel Corporation. Fuel System conduit.

660/MAS/92. Markel Corporation.

661/MAS/92. Merlin Gerin. Screw terminal for a molded insulating case electrical switchgear device.

The 3rd November 1992

662/MAS/92. Moore Products Co. Multi-mode input/output circuit and module, and process control systemusing same.

663/MAS/92. IMC Fertilizer, Inc. Automatic control system for a phosacid attach tank and filter.

664/MAS/92. Cabot Corporation. Carbon blacks and their use in rubber applications.

665/MAS/92. Schreiber Foods, Inc. Method and apparatus for forming a slice of a food item having a heat tack seal.

The 4th November 1992

666/MAS/92. Nippon Sinyaku Co. Ltd. Process for producing Saccharidas.

667/MAS/92. Denki Tetsushin Industrial Co. Ltd. A wound core.

668/MAS/92. Tube Investments of India Ltd. A housed high strength core member.

The 5th November 1992

669/MAS/92. Inventio AG. Equipment for the ventillation of the passenger space of rapidly moving lift cages.

670/MAS/92. University of Connecticut. Method for increasing crustagean larval production.

The 6th November 1992

671/MAS/92. Sukumar Kaniparampil Vijayan. Fully automatic envelop making machine.

672/MAS/92. Hydromatic Ltd. Method and apparatus for making drip irrigation devices.

673/MAS/92. Comalco Aluminium Limited. Continuous prebaked anode cell (November 7, 1991; Australia).

ALTERATION OF DATE

Patent No. 171708 (509/Cal/90).	Antedated to 19th October, 1987.
Patent No. 171709 (7/Cal/91)	Antedated to 19th October, 1987.
Patent No. 171710 (203/Cal/92)	Antedated to 3rd July, 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are acoording to Indian Classification and International Classification.

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Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख पन्नों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 195 D. 171701

Int. Cl. : G 05 B 11/92.

"ADVANCED PROPORTIONAL PLUS INTEGRAL PLUS DERIVATIVE CONTROLLER".

Applicant : INTERNATIONAL CONTROL AUTOMATION FINANCE S. A. OF VILLE DE LUXEMBOURG, 16 RUE DES BAINS, LUXEMBOURG.

Inventors : (1) JOHN DAVID LANE, (2) THEODORE N. MATSKO, (3) JOSEPH GABRIEL PATELLA, (4) THOMAS JOSEPH SCHEIB.

Application No. 786/Cal/88; filed on 19th September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

Apparatus for producing an interacting proportional, derivative and integral process control signal from a process variable signal or a proportional, derivative and external reset signal from a process variable signal comprising :

means for converting the process variable signal into a first signal which is proportional to said process variable signal;

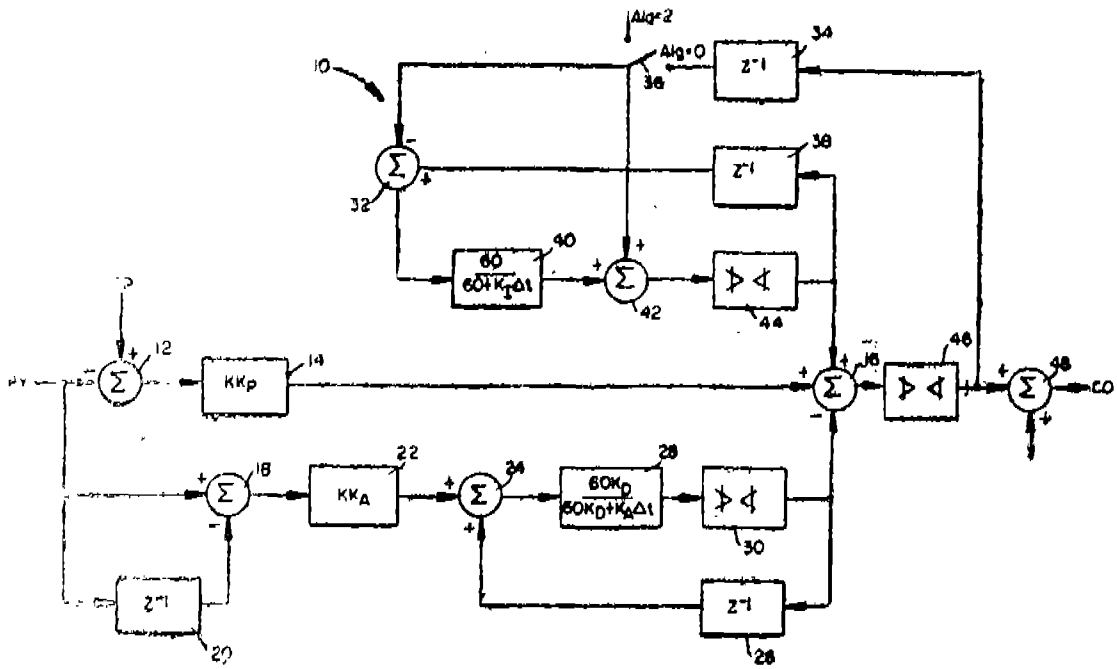
means for converting the process variable signal into a second signal whcih is a function of the derivative of said process variable signal;

means for converting the process variable signal into a third signal which is a function of the integral of said process variable signal;

means for combining said first, second and third signals to produce said process control signal.

switch means for removing said third signal from said combining means and replacing third signal with an external reset signal; and

wherein variation of any one of said first, second and third signals causes a variation in the remainder of said first, second and third signals as per an interacting algorithm.



Compl. specn. 11 pages. Drg. 1 sheet.

Cl. : 194 C 6 - c 171702

Int. Cl.[4] : H 05 B 41/45.

"DEVICE FOR ILLUMINATING A FLUORESCENT LAMP, WHETHER IN FRESH OR EXHAUSTED CONDITION".

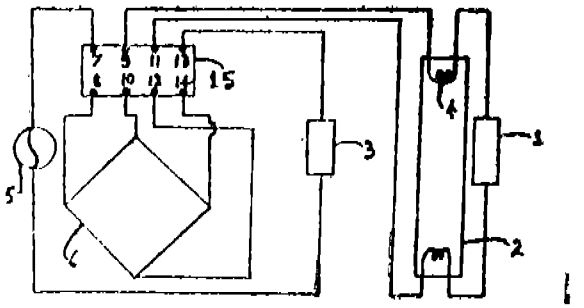
Applicant & Inventor : MRINAL KANTI ROUTH OF c/o MONOMOHAN ROUTH 127, NATUN GRAM ROAD, P.O. SHYAMNAGAR,DIST. NORTH 24 PARGANAS, WEST BENGAL, INDIA, PIN CODE-793127.

Application No. 332/Cal/1989; filed on May 03, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

2 Claims

A device for illuminating a fluorescent lamp, whether in fresh or exhausted condition, comprising, in combination, a bridge rectifier circuit, and a change-over switch circuit, the input of the said bridge rectifier circuit being adapted to be connected to an A.C. mains, through the said change-over switch circuit, and the output of the bridge rectifier circuit being adapted to be connected to fluorescent lamp circuit, constituted by a fluorescent lamp, a chock/ballast and a starter, the said bridge rectifier circuit being constituted by four diodes in the form of a bridge with the diodes being so arranged and connceted to each other that during both the positive and negative half cycles of the A.C. mains power supply through the rectifier circuit, as and when desired, the load current flows in the same direction, resulting in full wave D.C. signal in the form of pulse, as sustaining D.C. voltage for the fluorescent lamp in its exhausted condition, the arrangement being such that in the fresh condition of the fluorescent lamp, power supply from the A.C. mains is adapted to be directly made to the fluorescent lamp circuit with the help of the change-over switch, while in the exhausted condition of the fluorescent lamp, A.C. mains is adapted to be connected to the fluorescent lamp circuit through the said bridge rectifier circuit, with the help of the change-over switch.



Compl. specn. 5 pages . Drg. 1 sheet.

Cl. : 34 B. 171703

Int. Cl.[4] : D 01 F 11/00; D 06 M 1/22.

"A PROCESS FOR PRODUCTION OF ALUMINA FIBRE USING SISAL AND JUTE FIBRES".

Applicants & Inventors : MAHENDRA PATEL & BALAKRISHNA PADHI, OF PULP & PAPER RESEARCH INSTITUTE, JAYKAYPUR 765017, KORAPUT, ORISSA, INDIA.

Application No. 338/Cal/89; filed on May 04, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

1 Claim

A process for production of alumina fibre having application as composites with Al-alloy, polymer and ceramic materials by using jute and sisal naturral fibres, pretreated with NaOH and then digested with $AlCl_3$ followed by drying, coking at 350 C and pyrolysis at 1500 C after loading inside refractory reactors of alumina or aluminosilicates in electric muffle furnaces by addition of Ni or Cu catalysts inside the reactors.

Compl. specn. 7 pages. Drg. Nil

Cl. : 33 D 171704

Int. Cl. : B 22 D 41/08, 41/10.

ING".

"IMPROVEMENTS RELATING TO METAL TEEM

Applicant : FLOGATES LIMTED, OF SANDIRON HOUSE, BEAUCHIEF, SHEFFIELD S 7 2RA, ENGLAND.

Inventors : (1) PAUL LESLIE HILL, (2) WILLIAM ALBERT GRIFFITHS, (3) GILBERT CLIVE HINCKLEY, (4) JOSEPH WILLIAM CUDBY.

Application No. 384/Cal/1989; filed on 17th May, 1989.

Conventional numbers are : 8811937 dated 20-5-88, 8817490 dated 22-7-88 and 7721236 dated 9-9-88.

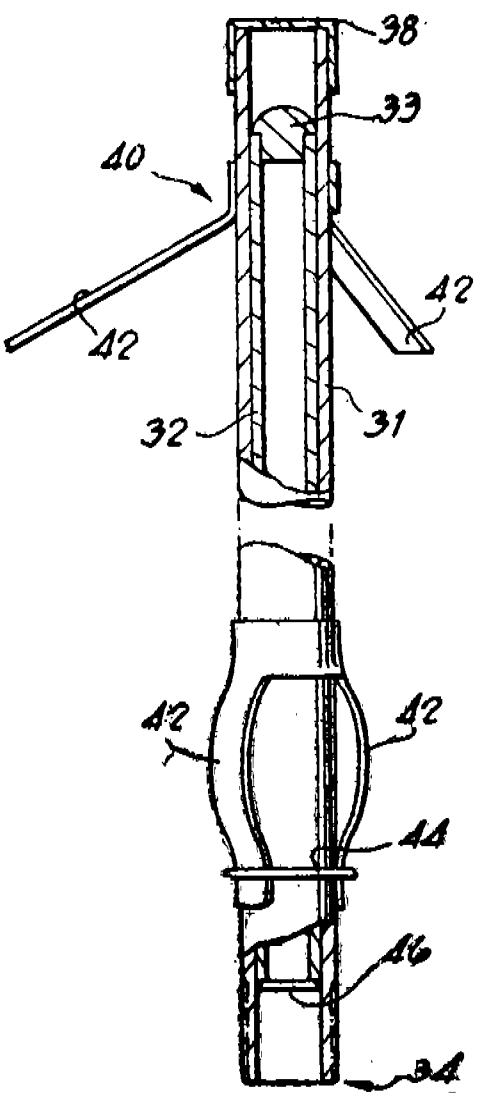
Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

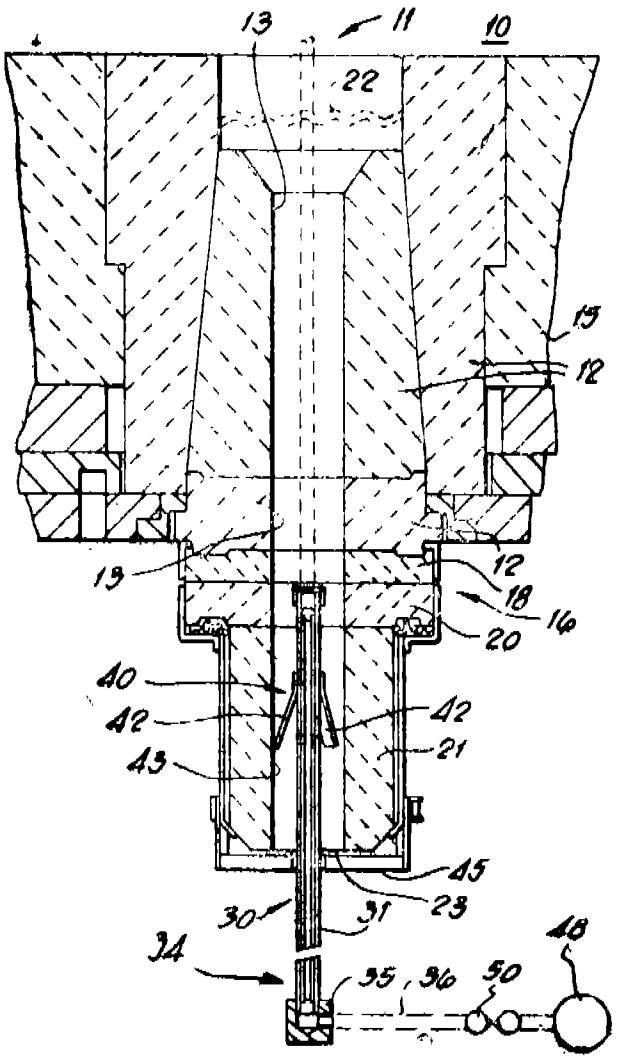
12 Claims

Apparatus adapted for use in removing or disrupting a blockage from the pour opening of a molten metal containment vessel, which vessel has an elongated conduit extending from the pour opening outwardly of the vessel for passage of molten metal from the vessel via the pour opening and the conduit to an outlet of the conduit : the apparatus comprising :

(a) a gas conduit connectible to a supply of pressurised gas and providing a barrel secured in the molten metal conduit and aimed at the pour opening; and

(b) a projectible loaded in the barrel and, on admission of pressurised gaws to the gas conduit, propellable towards the pour opening to impact on any blockage therein; leading end portion of the projectile comprising a metal housing containing a reactive material which burns on impact with a blockage to facilitate removal of disruption of the blockage, the reactive material consisting essentially of iron or steel wool and being free of magnesium.





Compl. specn. 23 pages. Drgs. 4 sheets

Cl. : 206 171705

Int. Cl. : H 04 B 15/00; H 001 Q 1/24, 23/00.

"FLAT PLATE ANTENNA INCLUDING LOW NOISE BLOCK DOWN-CONVERTER INTEGRATED THEREIN".

Applicant : COMMUNICATIONS SATELLITE CORPORATION, OF 950, L'ENFANT PLAZA, S. W., WASHINGTON, D. C. 20024, UNITED STATES OF AMERICA.

Inventors : (1) BERNNARD D GELLER, (2) AMIR IBRAHIM ZAGHLOUL.

Application No. 441/Cal/1989; filed on June 07th 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

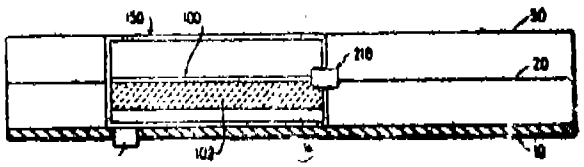
A flat plate direct broadcast satellite (DBS) antenna/receiver combination, comprising :

a ground plane.

a power dividing network layer disposed over said ground plane and capacitively coupled thereto;

a radiating element array disposed over said power divider network layer, and capacitively coupled thereto, one of said radiating elements within said radiating element array being fed at least a single point by corresponding elements of said power divider network; and

a low noise block down-converter, disposed on a substrate and provided on said power divider network layer.



Compl. specn. 13 pages. Drgs. 2 sheets

Cl. : 172 F D 4; 34 A. 171706

Int. Cl.[4] : D 01 D 1/00; 4/00; 5/00.

"APPARATUS FOR SPINNING HAVING A SPINNING PACK".

Applicant : DU PONT CANADA INC., OF BOX 2200, STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3, CANADA.

Inventor :RONALD JOSEPH JUDGE.

Application No. 861/Cal/1989; filed on October 18, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims

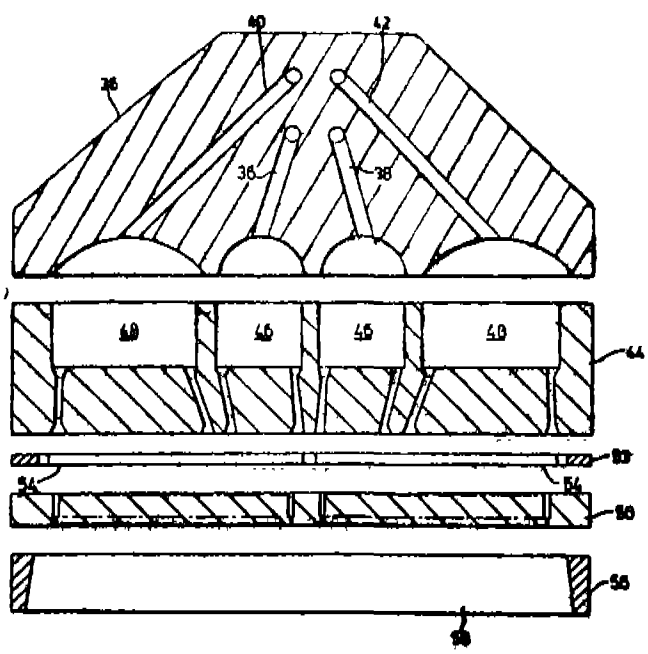
Apparatus for spinning, said apparatus comprising :

a spinning pack comprising a polymer inlet zone and

a spinneret assembly;

a first metering pump for pumping a first set of molten polymer streams of equal flow rate to said polymer inlet zone; and

a second metering pump for pumping a second set of two molten polymer streams of equal flow rate to said polymer inlet zone, said second pump having twice the capacity of said first pump; wherein said spinneret assembly comprises a pair of spinnerets interchangeably locatable in said spinning pack, one of said spinnerets being adapted to combine said first set of streams to produce three ends of filaments and the other of said spinnerets being adapted to combine each of said first streams with a respective one of said second streams to provide two ends of filaments.



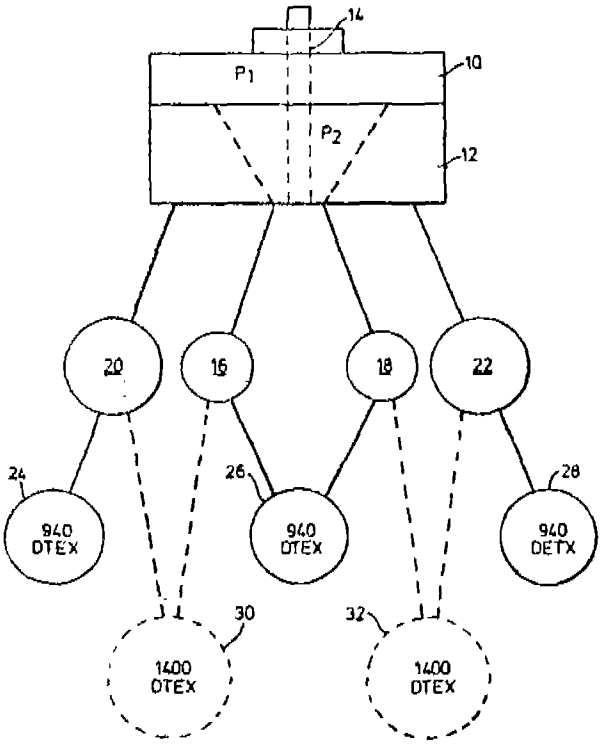


Fig. 1

Compl. specn. 8 pages. Drgs. 4 sheets

Cl. : 32 F 2 (a), 32 F 1. 171707

Int. Cl.[4] : C 07 B 43/00;

C 07 C 41/00, 45/00, 102/02, 103/178.

"A PPROCESS FOR THE MANUFACTURE OF P-HYDROXYPHENYLACETAMIDE FROM P-HYDROXYACETOPHENONE".

Applicant : ICI INDIA LIMITED, OF I C I HOUSE, 34, CHOWRINGHEE ROAD, CALCUTTA 700001, WEST BENGAL, INDIA.

Inventors : (1) DR. ASHOK KUMAR, (2) RAMAKRISHNA APPAJI RANE, (3) VAIKYAPARAMBIL KRISHNAN RAVINDRAN.

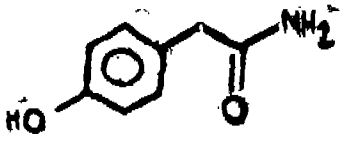
Application No. 135/Cal/1990; filed on February 13, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

5 Claims

A process for the manufacture of p-hydroxyphnenyl-acetamide of the formula I shown in the drawings accompanying the provisional specification consisting of the following steps :

(i) acetylating p-phdroxyacetophenone of the formula IV shown in the drawings accompanying the provisional specification with an acetylating agent such as acetic anhydride or acetyl chloride in the presence of a strong base such as sodium hydroxide or potassium hydroxide or carbonate and a solvent such as dioxane or dioxane ether at 0° to 80°C;



Formula I

(ii) brominating the resulting p-acetoxy acetophenone of the formula V shown in the drawings accompanying the provisional specification with liquid bromine in the presence of an acid catalyst such as montmorillonite K-10 (a clay forming the principal constituent of bentonite and fullers earth), Zeolite such as ZSM-5, SiO_2, $FeCl_3$, HBr or $AlCl_3$ in a solvent such as ether, dioxane, dioxane-ether or disopropyl ether at 0 to 50°C;

(iii) in situ deacetylating the resulting ∝-bromo-p-acetoxyacetophenone of the formula VI shown in the drawings accompanying the provisional specification with a C_1 - C_4 alcohol at room temperature;

(iv) ketalising the resulting ∝-bromo-p-hydroxyacetophenone of the formula VII shown in the drawings accompanying the provisional specification with a ketallsing agent such as diol such as ethylene glycol or 2, 2-dimethyl-1, 3-propanediol in the presence of an acid catalyst such as p-tolenesulphonic acid, methane sulphonic acid or trifluoromethane sulphonic acid and a solvent such as toluene or benzene at 90 to 150°C with continuous azcotropical removal of water;

(v) subjecting the resulting ketal of the formula VIII shown in the drawings accompanying the provisional specification wherein R_1 and R_2 stand for $-CH_2$ $-CH_2-$ or $-CH_2$ $C(CH_3)_2-CH_2-$ to 1, 2 aryl transposition reaction with a polar solvent such as alcohol or diol such as butanol, ethylene glycol, 1, 3-propane diol, ethylene glycol or dimethylformamide in the presence of a weak base such as sodium or potassium acetate or calcium carbonate at 30—160°C; and

(vi) amidating the resulting ester of the formula II shown in the drawings accompanying the provisional specification, wherein R stands for CH_2 CH_2OH, $CH_2CH_2OCOCH_3$, $-C_6H_6$ (P—OH), CH_2 $C(CH_3)_2$ CH_2OH or C_1—C_4 alkyl with aqueous ammonia at room temperature to obtain compound of the formula I.

Compl. specn. 17 pages. Drg. 1 sheet

Cl. : 34 A D; 172 F. 171708

Int. Cl.[4] : D 01 D 5/00; 6/44.

"POLYESTER FIBERBALLS AND PROCESS FOR MAKING SAME".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : (1) ILAN MARCUS.

Application No. 509/Cal/90, filed on June 19, 1987.

(Divided out of No. 813/Cal/87; antedated to 19-10-87).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

Polyester fiberballs of average dimension of between 2 to 15 mm, consisting essentially of randomly-arranged, entangled, spirally-crimped bicomponent polyester and binder arranged, entangled, spirally-crimped bicomponent polyester material fibers, having a cut length of 10 to 100 mm.

Compl. specn. 38 pages. Drgs. 3 sheets

Cl. : 155 A C, 34 A D. 171709

Int. Cl. : D 01 F 8/00.

"A THROUGH-BONDED BATT OF POLYESTER FIBER-FILL AND METHOD OF MAKING SAME".

Applicant : E. I. DU PONT NEMOURS AND COMPANY OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : ILAN MARCUS.

Application No. 7/Cal/91; filed on 1st January, 1991.

(Divided out of No. 812/Cal/87; antedated to 19-10-87).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

A through-bonded batt of polyester fiberfill, of improved durability, and moisture transport, soft bonding and low flamability having been formed by heat bonding a batt of polyester fiberfill blend comprising 60 to 95% by wt polyester staple fibers pre-coated with a slickener consisting essentially of chains of poly (alkylene oxide) and 5 to 40% by wt. binder fibers such as herein described.

Compl. specn. 30 pages. Drg. Nil

Cl. : 25 A & B; 35-E. 171710

Int. Cl. : C 04 B 35/00; E 04 c 1/04.

"PRODUCTION OF BASIC REFRACTORY BRICKS FROM USED REFRACTORIES".

Applicant : KABITA REFRACTORIES (PVT.) LTD., OF P. O. PANURIA (GOURANGDI), DIST. BURDWAN, WEST BENGAL, INDIA.

Inventor : SHAMA PADA ROY.

Application No. 203/Cal/92; filed on March 26, 1992.

(Divided out of No. 520/Cal/89; antedated 3-7-1989).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

A process for producing basic refractory bricks selected from the group consisting of magnesite, chrome-magnesite and magnesite-chrome bricks, with or without steel cladding, from corresponding used basic refractory bricks, comprising the steps of :

(a) sorting out used basic refractory bricks according to its constituents;

(b) removing the undesirable portions, i.e. slags, fused portions, from the sorted out used bricks;

(c) crushing/grinding the bricks having desirable portions, so obtained from the step (b).

(d) grading the crushed/ground granules of the step (c) according to different sizes;

(e) mixing different sized granules obtained from the step (d), along with correspondingly sized granules of unused basic refractory bricks, according to end product requirement, and adding thereto a binder/additive prepared by mixing molasses, any one or more of sulphuric acid, chromic acid, magnesium sulphate and sulphite lye, and water, to obtain a mix;

(f) placing the mix of the step (e) in mould of desired shape and size, with steel cladding being provided in the mould prior to placing of the mix in case of steel-clad bricks, pressing the same, and taking out the pressed green bricks, so formed, from the mould, followed by curing/setting of the green bricks at ambient temperature; and

(g) heat-treating the green bricks in dryer at a temperature range of 110° C to 500° C, depending on the product, as required.

Compl. specn. 8 pages. Drg. Nil

Ind. Classes : 116-F & 133-A [GROUPS - XLIX & LIX(3)] 171711

Int. Cl.[4] : B 66 B 1/44.

ELEVATOR DRIVE WITH CONTROL DEVICE FOR JERK FREE STARTING-UP.

Applicant : INVENTIO AG, A SWISS COMPANY, OF SEESTRASSE 55, 6052 HERGISWIL, SWITZERLAND.

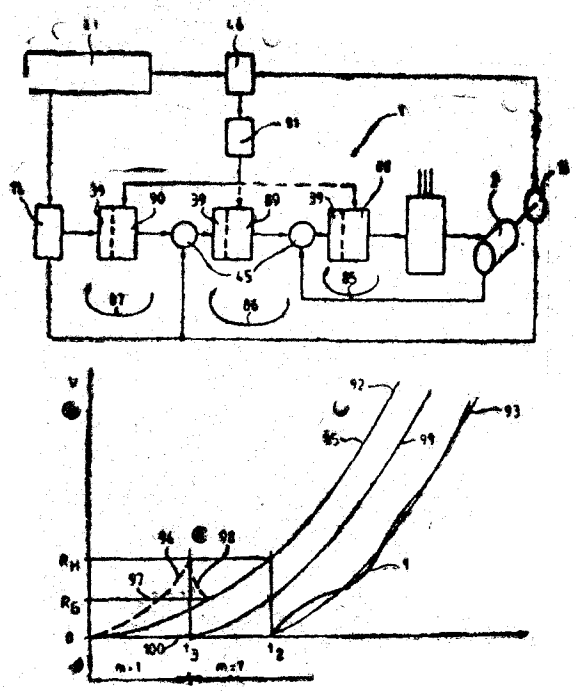
Inventor : KLAUS-JURGEN KLINGBEIL.

Application No. 342/MAS/88 filed May 23, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

Elevator drive with control device for jerk free starting-up comprising a hoisting motor (2) with a drive pulley (6) for carrying out linear movements, a drive control (1) with a control amplifier (11, 45), nominal value transmitters (14) and actual value transmitters (16, 18, 19, 22) for measuring the number of revolutions and the distance pertaining comparators (11, 42) and control devices (16, 46, 39) for jerk free starting-up by controlling for suppression of the starting-up jerk and then for predetermined distance/number of revolutions characterized in that a nominal value multiplier (39) with controllable multiplying factor (m) is provided and connected behind a nominal value transmitter (14) for the temporary multiplication of a nominal value, the said nominal value multiplier (39) is connected to a motion detector (16) by an on off switching circuit (46) with a superimposed flow control (21) for controlling the said multiplication factor (m) keeping the multiplying factor (m) to a value of greater than 1 before the beginning of movement and to a value of 1 at the beginning of movement in the direction of travel for making the resultant of motor driving force and imbalance force equal to the sliding friction force (R_G) at the beginning of movement.



(Comp. specn. 20 pages; Drgs. 6 sheets)

Ind. Class : 155 A [XXIII]. 171712

Int. Cl. [4] : B 01 D 13/04.

"A CONTINUOUS PROCESS FOR PRODUCING COATED, COMPOSITE HOLLOW FIBER MEMBRANE WITH PERMEABLE COATING ON A HOLLOW SUBSTRATE".

Applicant : AIR PRODUCTS AND CHEMICALS, INC., OF P. O. BOX 538, ALLENTOWN, PA 18105, USA, INCORPORATED IN THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : PUSHPINDER SINGH PURI.

Application No. 383/MAS/88 filed on 6th June 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2.

13 Claims

A continuous process for producing coated, composite hollow fiber membrane with permeable coating on a hollow substrate comprising the steps of :

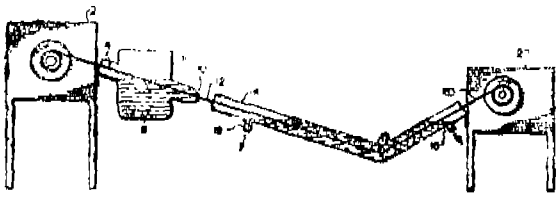
(a) passing a hollow fiber substrate, at both fixed tension and speed into a polymeric solution capable of forming a permeable coating on the hollow fiber substrate;

(b) removing said hollow fiber substrate from the polymeric solution by axially drawing said substrate through a coating die such that a polymer solution coating is formed on the substrate surface by axial annular drag flow;

(c) evaporating a portion of the polymer solution coating such that the surface of said solution coating forms a thin, dense layer;

(d) subsequently immersing said coated hollow fiber substrate in a leaching bath; and

(e) drying the coated hollow fiber substrate.



(Compl. specn. 14 pages; Drg. 1 sheet)

Ind. Class : 116-F - [GROUP - XLIX] 171713

Int. Cl.[4] : B 66 B 1/18.

AN IMPROVED LIFT INSTALLATION.

Applicant : INVENTIO AG, OF SEESTRASSE 55, 6052 HERGISWIL NW, SWITZERLAND. SWISS COMPANY.

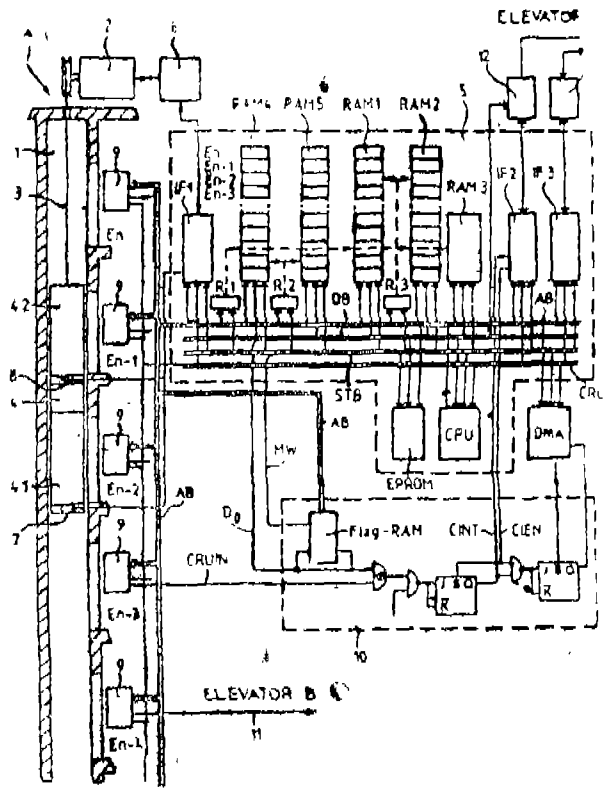
Inventor : DR. JORIS SCHRODER.

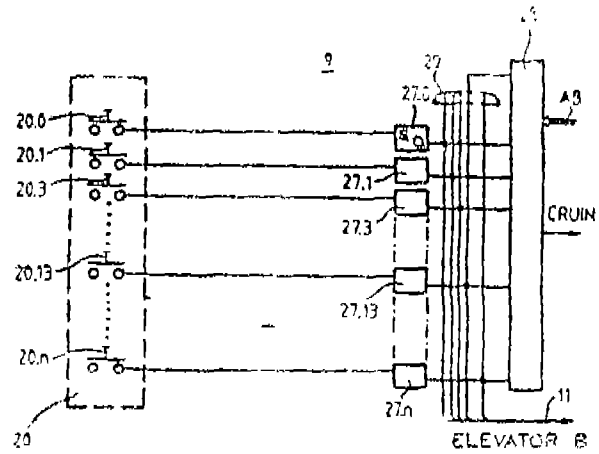
Application No. 419/MAS/88 filed June 20, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

In a lift installation with at least one lift (a. b) having a cage (4) provided with at least one compartment (4.1; 4.2), wherein at least one main stopping place (HH) and a number of adjacent main floors (EO; EI) are provided and command input devices are present for the calling of cages to the floors and for the input of travel destination wishes and the lift (a; b) carries out only travel wishes to one certain group of destination floors, the improvement comprising the said command input devices are call registering equipments (9) arranged externally of the cage (4) on the floors (EO; EI .. En) and having circuit means for preventing the execution of travel wishes at least in direction of travel away from the main stopping place (HH) to destination floors lying outside the certain group of destination floors.





(Compl. specn. 22 pages; Drgs. 7 sheets)

Ind. Class : 136-E & F - [GROUP - XIII] 171714

Int. Cl.[4] : B 29 C 45/00.

A METHOD OF MOULDING COMPLEX COMPOSITE ARTICLES.

Applicant : 3 D COMPOSITES LIMITED, A BRITISH COMPANY, OF HENNYMORE HOUSE, 7-11 MANOR ROW, BRADFORD, WEST YORKSHIRE. BD1 4TB. UNITED KINGDOM.

Inventor : JOHN REGINALD NEWTON.

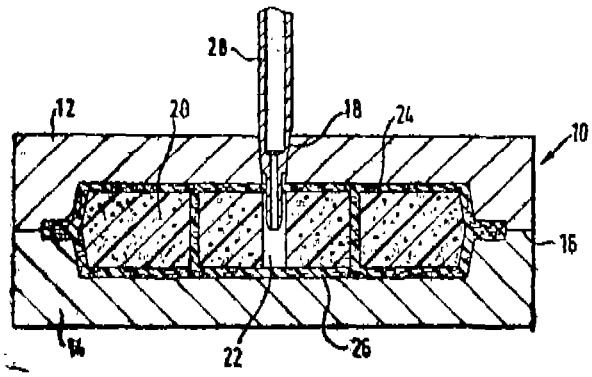
Application No. 482/MAS/88 filed July 8, 1988.

Convention date : July 10, 1987; (No. 8716315; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A method of moulding complex composite articles, for use as structural members, having a layer containing fibres to be injected with a resin and a core portion, said method comprising providing one or more galleries in the core or fibre layer and injecting resin directly into the gallery or galleries by inserting a nozzle through a port into the gallery whereby it is rapidly transmitted to all portions of the layer, and thereafter withdrawing the nozzle and plugging the port before the resin cures or is allowed to cure.



(Compl. speen. 17 pages; Drgs. 3 sheets).

Ind. Class : 172-C_0 & $_x$ - [GROUP - XX]. 171715

Int. Cl.[4] : D 01 G 19/08.

SYSTEM FOR ATOMATICALLY CONVEYING COTTON LAPS FROM A RIBBON-LAP MACHINE TO A COMBING MACHINE ASSEMBLY.

Applicant : FRATELLI MARZOLI & C.S. p.A., OF VIA DURANTE, 1, 25036. PALAZOLO SULL'OGLIO (BRESCIA), ITALY.

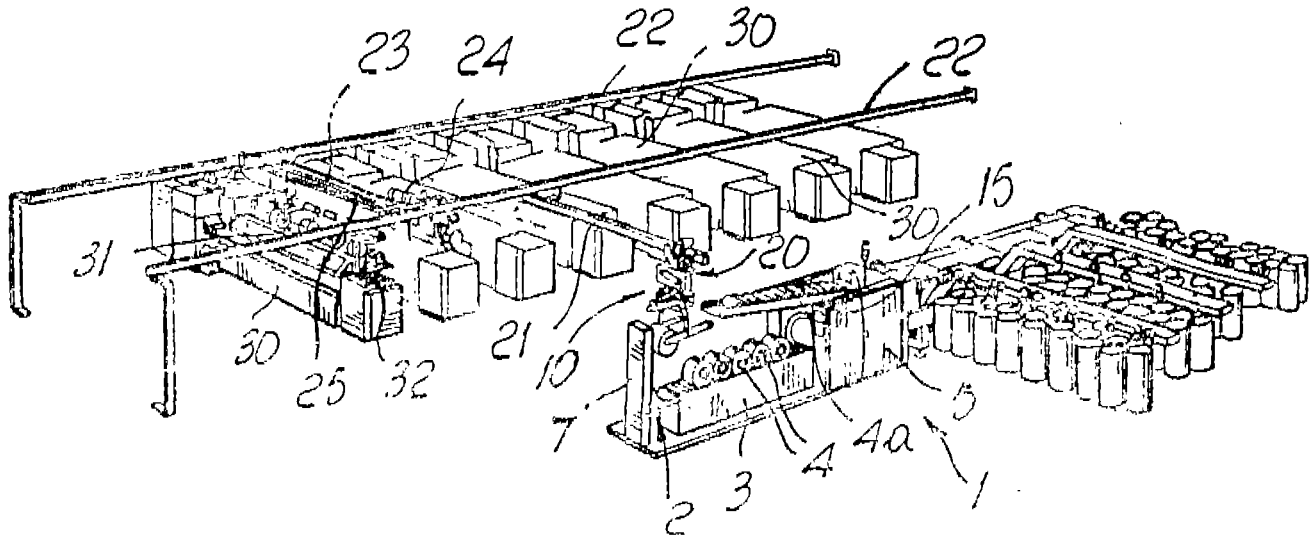
Inventor : BIANCHI MARZOLI PIETRO.

Application No. 513/MAS/88 filed July 19, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A system for automatically conveying cotton laps from a ribbon-lap machine to a combing machine assembly comprising downstream of said ribbon-lap machine, a cradle lifting device (2) for taking up a lap roller (4) from a lap roller collecting frame (3), a gripper take up device (10) adapted for taking up a lap roller (4) from said cradle lifting device (2) and to discharge an empty roller (4a) on an empty roller collecting frame (15), said gripper take up device (10) being supported on a carriage (20) for sliding on a guiding path to selectively reach a combing machine selected from said combing machine assembly to discharge the said lap roller (4) on a supplying frame while simultaneously taking up an empty roller (4a).



(Compl. speen. 12 pages; Drgs. 2 sheets)

Ind. Cl. : 206-E-[GROUP—LXII] 171716

Int. Cl.[4] : H 03 B 19/05
G1 01 R 27/26

A SYSTEM FOR PRODUCING A SIGNAL VALUE REPRESENTATIVE OF THE RATIO BETWEEN THE CAPACITANCE OF TWO CAPACITORS.

Applicant : MOORE PRODUCTS CO., OF SUMNEYTOWN PIKE, PENNSYLVANIA 19477, U.S.A., AN AMERICAN COMPANY.

Inventor : CHIH CHEN CHANG.

Application No. 538/Mas/88 filed on July 27, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A system for producing a signal value representative of the ratio between the capacitance C_1 of a first capacitor and the capacitance C_2 of a second capacitor comprising :

Oscillator means having a frequence-determining circuit and oscillating at a frequence which varies in a predetermined manner with the total value of capacitance actively connected in said circuit;

said frequency-determining circuit inherently having a fixed, continuously-present capacity C_p for determining the frequency of oscillations of said oscillator means in the absence of said capacitors C_1 and C_2;

said first and second capacitors having four possible combinations in which they are connected to said frequency-determining circuit, namely;

(1) only said first capacitor actively connected in said circuit;

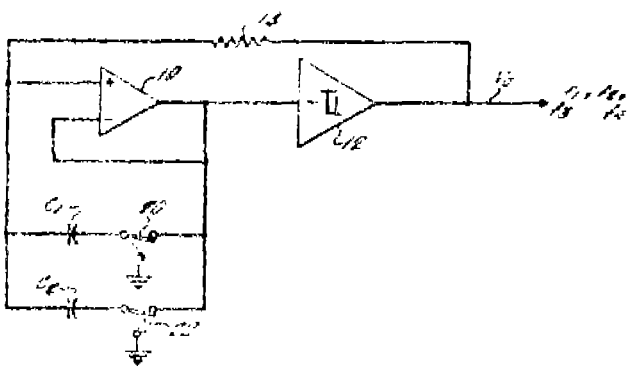
(2) only said second capacitor actively connected in said circuit;

(3) neither of said first and second capacitors actively connected in said circuit;

(4) both said first and second capacitors actively connected in said circuit;

switching means connecting first and second capacitors with said frequency-determining circuit in said combination (1) at a first time, to produce oscillations at a first frequency f_1 and for connecting said first and second capacitors with said circuit at another time in said combination (2), to produce oscillations at a second frequency f_2 and connecting said first and second capacitors with said frequency-determining circuit at still another time in one of said combinations (3) and (4), to poduce oscillations at one of two corresponding different frequencies f_3 and f_4; and

means responsive to said oscillations at frequencies f_1, f_2 and one of said frequencies f_3 and f_4 to produce signal values representative of the values of said ratio between C_1 and C_2, substantially undistorted by the effects of said fixed capacitance C_p.



Compl. Speen. 24 pages. Drgs. 3 sheets.

Ind. Class : 152-B [GROUP-XII(2)] 171717

Int. Cl.[4] : E 01 C 7/18.

A PREMIX COMPOSITION FOR ROAD WORK.

Applicant : IDL CHEMICALS LIMITED, OF SANATHNAGAR (IE), P.O. HYDERABAD-500 018, ANDHRA PRADESH, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF INDIA.

Inventor : DR. ERODE GANAPATHY MAHADEVAN.

Application No. 553/Mas/88 filed August 2, 1988.

Appropriate office or opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims (No drawing)

A premix composition for road work in particular for filling pot holes, completing patch work, comprising of :

(a) aggregates of broken rocks having various sizes as under :

19.0 mm to 25.0 mm	:	0 to 10%
12.5 mm to 19.0 mm	:	2 to 15%
4.75 mm to 12.5 mm	:	30 to 80%
2.36 mm to 4.75 mm	:	5 to 25%
1.18 mm to 2.36 mm	:	2 to 15%
Lesser than 1.18 mm	:	2 to 5%

with

(b) a bitumen emulsion consisting of :

Bitumen (Straight run or blown) or tar or pitch used for road work	:	50 to 72%
Solvent	:	1.5 to 25%
Emulsifier	:	0.05 to 5%
Density Controller	:	0 to 1%
Stabiliser	:	0.05 to 2%
Acidic Soln.	:	0 to 45%
Hydro Colloid	:	0 to 1%

the ratio of bitumen emulsion to aggregates being in the range of 3 to 20% by weight of aggregates.

(Compl. speen. 10 pages)

Ind. Class : 172-C_9 [GROUP-XX] 171718

Int. Cl.[4] : D 01 H 7/888.

AN OPEN END SPINNING ARRANGEMENT AND A METHOD OF SPINNING A YARN IN THE OPEN END SPINNING ARRANGEMENT.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, D-8070 INGOLSTADT, GERMANY, A GERMAN COMPANY.

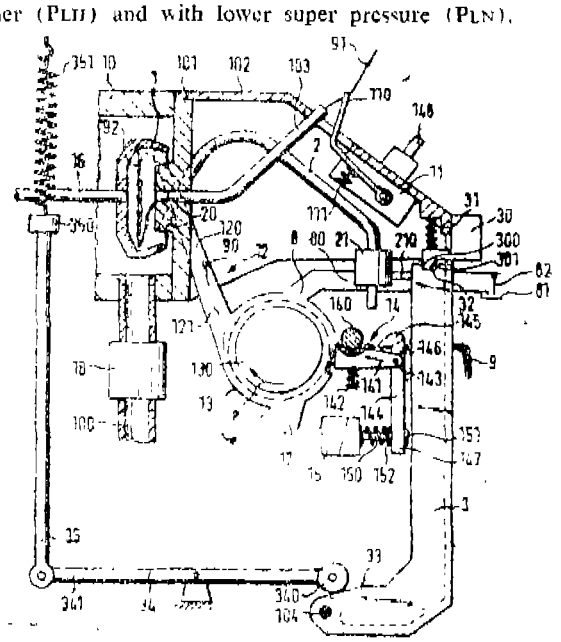
Inventors : (1) ERWIN BRAUN
(2) EBERHARD GRIMM.

Application No. 569/Mas/88 filed August 9, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

25 Claims

An open end spinning arrangement having at least one open end spinning device with a spinning rotor and with a compressed air conduit which is directed towards the internal surface of the spinning rotor, for cleaning purposes, and communicates via a check valve (21) with compressed air, wherein a pressure-controlling arrangement (4) is arranged upstream of the compressed air conduit (2) for providing a higher (PLH) and a lower super-pressure (PLN) and a switching arrangement (7; 22, 23; 51; 51, 61; 45, 46) loads the compressed air conduit (2) alternately with the higher (PLH) and with lower super pressure (PLN).



(Compl. speen. 53 pages; Drgs 3 sheets)

Ind. Class : 143-D_4 [GROUP XL(5)] 171719

Int. Cl.[4] : B 29 D 7/00.

A PACKAGING FOIL MADE OF PLASTICS PAPER OR OTHER SHEET OR OTHER MATERIAL HAVING A FRICTION SURFACE.

Applicant : A. AHLSTROM CORPORATION, A FINNISH BODY CORPORATE OF ST-29600 NOORMARKKU, FINLAND.

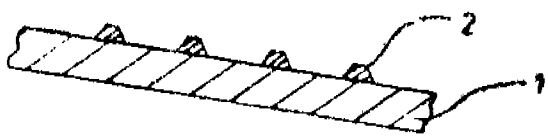
Inventor : MATTI KATILA.

Application No. 575/Mas/88 filed August 11, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A packaging foil (1) made of plastics, paper or other sheet or other material having a friction surface characterized in that a coating (2) of dot-like projections is formed from a thermoplastic hot melt on that part or these parts of the foil (1) equiting improved friction wherein the square weight of the coating is 2–15 g/m^2.



(Compl. specn. 8 pages Drgs. 1 sheet)

Ind. Class : 1-A [GROUP XLII(1)] 171720

Int. Cl.[4] : C 09 J 3/14; C 08 L 25/00.

A PRESSURE-SENSITIVE ADHESIVE COMPOSITION.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, OF 3M CENTER, SAINT PAUL, MINNESOTA-55144-1000, UNITED STATES OF AMERICA.

Inventors : (1) JOHN A. MILLER
(2) EGBERT A. VON JAKUSCH.

Application No. 588/Mas/88 filed August 17, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A pressure-sensitive adhesive composition comprising 20 to 50 percent by weight of an elastomer which is an A-B-A block copolymer, wherein the A blocks are derived from styrene or alphamethylstyrene and the B blocks are derived from isoprene, butadiene, or hydrogeneated versions thereof or an (AB) block copolymer of the same type of composition, in another geometry such as a tapered block copolymer or a radial block copolymer, 20 to 60 per cent by weight of a solid tackifier resin, 10 to 40 per cent by weight of a liquid tackifier resin, and 2 to 20 per cent by weight of an end block reinforcing resin.

(Compl. specn. 30 pages Drgs. 5 sheets)

Ind. Class : 168-C & 187-C_1 [GROUPS LI(4) & LXI(2)] 171721

Int. Cl.[4] : H 03 K 17/00; H 03 J 3/00

TELECOMMUNICATIONS DIGITAL SWITCH.

Applicant : GEC PLESSEY TELECOMMUNICATIONS LIMITED, OF NEW CENTURY PARK, P O BOX 53, COVENTRY, CV3 1HJ, ENGLAND, A BRITISH COMPANY.

Inventors : (1) THOMAS SLADE MADDERN
(2) GEOFFREY CHOPPING.

Application No. 616/Mas/88 filed September 2, 1988.

Convention date : November 13, 1987; No. 8726677; United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

7 Claims

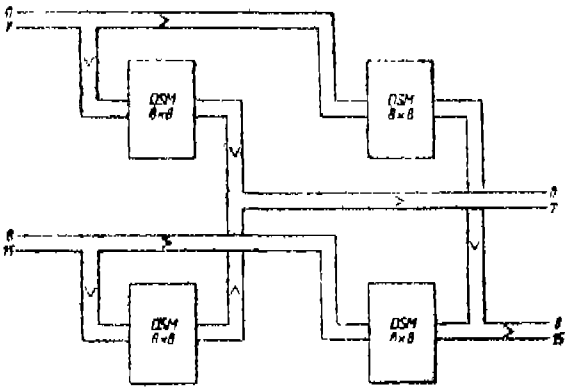
A telecommunications digital switch for switching channels of time division multiplexed (TDM) signals on a multiplicity of switch input and output paths comprising plurality of :

input and output switching stages and a central switching area;

the said input and output switching stages each having arrays of DSM as herein defined;

the said central switching area having first and second arrays of DMR as herein defined, wherein the DMR are preprogrammed with a channel allocation address pattern that all channel routes through the central switching stage experience the same time delay;

the arrangement being such that all or a major part of the channel routes through the switch are constrained to have delays such that all channels are displaced to positions within (n) or (n+1) subsequent time frames of the TDM system, where (n) is an integer, selected from the range 0, 1 and 2.



(Compl. specn. 23 pages Drgs. 10 sheets)

Ind. Class : 172-B [GROUP-XX] 171722

Int. Cl.[4] : D 01 H 5/42.

A FIBRE-PROCESSING INSTALLATION.

Applicant : MASCHINENFABRIK RIETER AG, A SWISS COMPANY, OF CH-8406, WINTERTHUR, SWITZERLAND.

Inventors : (1) WALTER SCHLEPFER, (2) CHRISTOPH STAEHELI.

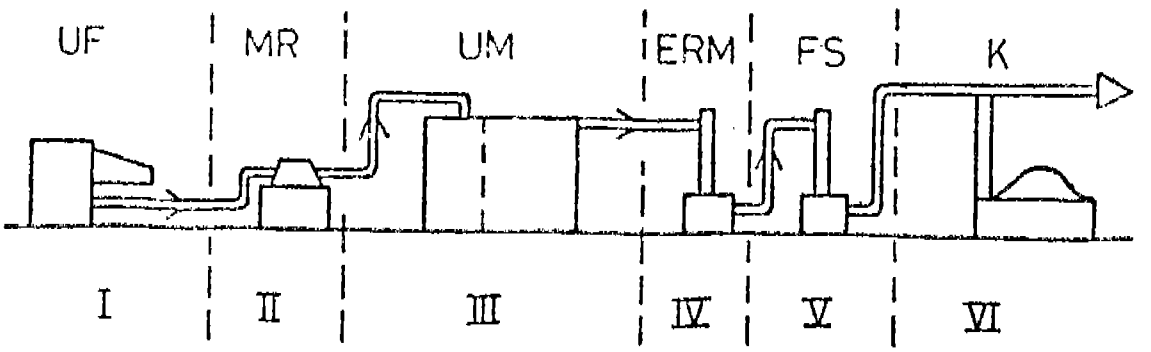
Application No. 630/Mas/88 filed on September 7, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

6 Claims

A fibre-processing installation comprising at least one fibre supply stage (X; UF; UM; ERM, FS), running discontinuously in stop/go operation and with at least one fibre-processing stage (Z, K) connected to the fibre supply

stage with an automatic feed means in order to feed the fibres to be processed in a predetermined sequence, characterized in that a control means for monitoring the actual operative/inoperative time ratio in comparison with a nominal value for the operative/inoperative time ratio of the said discontinuously operating stage (UF, FS) and a signal producing means (LR) for producing a signal (28, 24, 20, 16) representing the total production of the processing stage (K) downstream of the said fibres feed stage (UF, FS) or fibre feed stages (UF, UM, ERM, FS) and the said control means reacting to this signal for changing the nominal value of the operative/inoperative time ratio of the said discontinuously running stage (UF, FS) depending on the total production of this stage.



(Compl. specn. 22 pages Drgs. 3 sheets)

Ind. Class : 85A [GROUP XXXI] 171723

Int. Cl.[4] : F 23 C 11/02.

APPARATUS FOR BURNING SOLID FUEL.

Applicant : FIVES-CAIL BOBCOCK, A FRENCH COMPANY, OF 38, RUE DE LA REPUBLIQUE 93100 MONTREUIL, FRANCE.

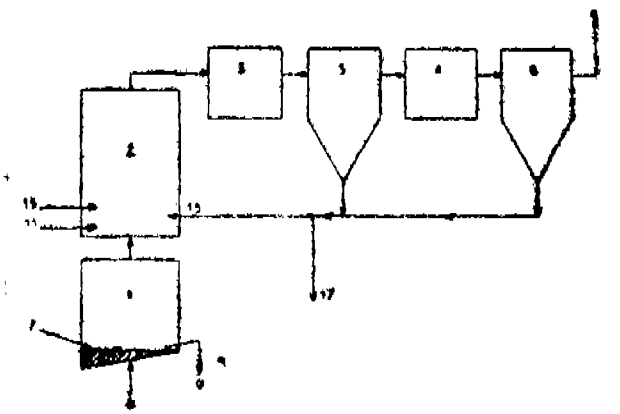
Inventors : (1) MONSIEUR JEAN-LOUIS BOUJO
(2) MONSIFUR PAUL COSAR
(3) MONSIEUR PASCAL GEROGES.

Application No. 644/Mas/88 filed September 13, 1988.

Appropriate office or opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

5 Claims

Apparatus for burning solid fuel comprising a furnace having a two-staged combustion chamber the lower part of which forming a fluidized bed eactor with a gas-pervious sloping hearth floor having a lower upstream fuel receiving end and an upper downstream ashes or clinker discharging end and with substoichiometric primary air flow feed duct means arranged underneath the floor, the upper part of which forming an upper circulating fluidized bed reactor with secondary air flow inlet nozzle means located a certain height above the lower fluidized bed with sulphur absorber injection means located above the secondary air flow inlet nozzle means; and at least one dust collector arranged at the outlet of said chamber, a solid particle reinjection duct means connecting the outlet of each of the dust collector to the upper part of the combustion chamber at the level of or above the secondary air flow inlet means; blow-off duct means branched off from the reinjection duct means for withdrawing one part of the separated solid particles consisting of fly ashes and of the products of the desulphurization reaction so as to provide at the second combustion stage only a single closed-loop circuit of a mixture of fine fuel particles and fly ashes; and recycled dust flow rate control means.



(Compl. specn. 12 pages Drgs. 1 sheet)

Ind. Cl. : 107 K [XLVI(2)] 171724

Int. Cl.[4] : B 61 F 15/22 & F 16 K 41/00.

A UNITARY VALVE SEAL ASSEMBLY.

Applicant DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO 43615 U.S.A., A CORPORATION OF THE STATE OF VIRGINIA, U.S.A.

Inventor EDWARD E LAFEVER.

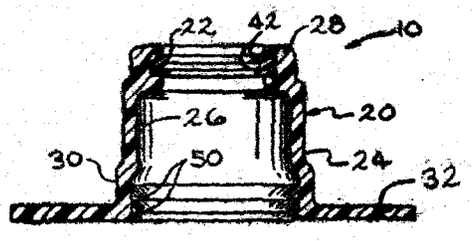
Application No. 665/Mas/88 filed on 22nd September, 1988.

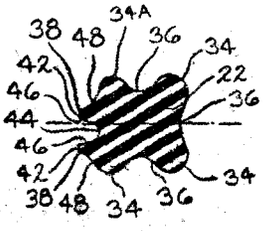
Appropriate office for oppo.itoin proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

11 Claims

A unitary valve seal assembly for sealing a valve stem in an internal combustion engine comprising, a cylindrical

body molded of a plastic material defiing a through passage-way having a surface provided with at least one circumferential rib, an annular elastomeric seal received within and secured to said valve body, said seal having a generally X-shapedcross section of convex and concave sufaces.





(Compl. specn. 11 pages Drgs. 1 sheet)

Ind. Class : 35 E [GROUP XXV(2)] 171725

Int. Class[4] : C 01 B 35/02.

A PROCESS FOR PREPARATION OF ZINC OXIDE COMPOSITES FOR LOW AND HIGH VOLTAGE SURGE.

Applicant : INDIAN INSTITUTE OF SCIENCE, BANGALORE-560012, AN INDIAN INSTITUTE, INDIA.

Inventors : GALIGEKERE RAMASWAMY NAGABHUSHANA, GORUR NARAYANA KRISHNA IYENGAR, THANGAVELU ASHOKAN.

Application No. 654/Mas/88 filed on 19th September 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

6 Claims

A process for the preparation of zinc oxide composites for low and high voltage surge applications comprising in calcinating a mixture of preferably 87.225% Zno and 0 to 0.3% preferably 0.2% Nb_2O_5 at a temperature of 1000 to 1200°C, wet milling the calcined charge, adding remainder being the additives as herein desribed to said milled charge wet miling the mixture again followed by adding a binder thereto, pelletizing said charge and then subjecting said pelletized charge to the steps of sintering and post-sintering.

(Compl. specn. 6 pages Drgs. 2 sheets).

Ind. Cl. : 12-D—[GROUP—XXXIII (2)] 171726
9-D—[XXXIII]

Int. Cl.[4] : B 22 F 3/12; 3/24

PROCESS FOR THE PRODUCTION OF HEAVY ALLOYS WITH EXCELLENT MECHANICAL PROPERTIES.

Applicant : CIME BOCUZE, OF 6, PLACE DE ITRIS, 92400 COURBEVOTE, FRANCE, A FRENCH COMPANY.

Inventor : GUY NICOLAS.

Application No. 680/Mas/88 filed on September 29, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

Process for the production of heavy alloys with excellent mechanical properties, a specific gravity between 15.6 and 18, containing 80 to 99% by weight of tungsten, nickel and iron in which Ni/Fe ratio by weight is higher than or equal to 2 and optionally containing elements such as Mo, T i, Al, Mn, Co and Re compising the steps of :

using powders of each element having a FISHER diameter between 1 and 15 um,

mixing said powders in proportions corresponding to the composition of the desired alloy,

compressing said powders in the form of compacted bodies,

sintering the compacted bodies at a temperature between 1490°C and 16500°C for 2 to 5 hours,

vacuum annealing the sintered compacted bodies between 1000°C and 1300°C, and

subjecting the resultant compacted bodies to working operations for at least three cycles of operations, each cycle having a working step followed by a heat treatment, in which, in the first cycle, degee of deformation is between 10 and 20% followed by a heat treatment at a temperature between 700 and 1200°C for 4 to 8 hours, in the second cycle, degree of deformation is between 10 and 15% followed by a heat treatment at a temperature between 500 and 1100°C for 4 to 8 hours, in the third cycle, degree of deformation is between 20 and 50% followed by a heat treatment at a temperature between 500 and 1000°C for 4 to 8 hours.

Compl. Specn. 15 pages. Drgs. 3 sheets.

Ind. Cl. : 105-C & 205-G 171727

[GROUPS—XLI(7) & LVI]

Int. Cl.[4] : G 01 M 17/02.

A TIRE-MONITORING APPARATUS.

Applicant: COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN — MICHELIN & CIE, OF RUE DU TERRAIL, 63000 CIERMONT-FERRAND, FRANCE A FRENCH COMPANY.

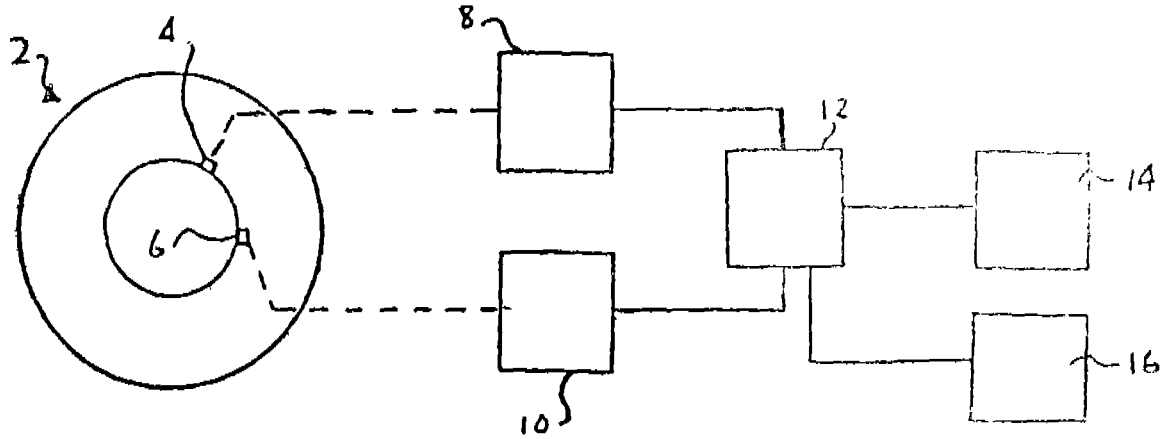
Inventor: MONSIEUR JACQUES HEBERT

Application No. 711/MAS/88 filed October 11-1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A tire—monitoring apparatus for monitoring parameters relative to wheels of a vehicle comprising measuring means (4,6) for measuring pressure and temperature values in tires mounted on each of the wheels of the vehicle, computing means (12) to produce a deviation signal depending on the deviation between the ratio of pressure to temperature in at least one of the other tires and at least one alarm responsive to a predetermined value of the said deviation signal from the computing means.



Compl. Specn. 13 pages. Drgs. 1 sheet.

Ind. Cl. : 70-C_8—[GROUP—LVIII (5)] 171728

Int. Cl.[4] : C 25 D 3/48; 5/44

A PROCESS OF GOLD PLATING ON ALUMINIUM ALLOYS

Applicant: INDIAN SPACE RESEARCH ORGANISATION, (I.S.R.O.), CAUVERY BHAVAN, KEMPEGOWDA ROAD, BANGALORE — 560 009, INDIA, AN INDIAN ORGANISATION.

Inventor: Dr ANAND KUMAR SHARMA

Application No. 715/Mas/88 filed on October 11, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, (Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims (No drawing)

A process of gold plating on aluminium alloys comprising the steps :

(i) solvent cleaning in trichloroethylene

(ii) alkaline cleaning in a bath containing 20 to 30 g/1 of trisodium phosphate, and 15 to 25 g/1 sodium carbonate at a temperature 50 to 70°C for 2 to 5 minutes

(iii) acid cleaning in a bath containing 7 to 12 ml/1 of sulphuric acid, 10 to 15 ml/1 of 40% hydrofluoric acid, 20 to 30 ml/1 of 70% nitric acid, at room temperature for 2 to 3 minutes

(iv) zincating in alloy zincating solution having the composition 25 to 35 g/1 of nickel sulphate, 35 to 45 g/1 of zinc sulphate, 100 to 115 g/1 of sodium hydroxide, 8 to 12 g/1 of potassium cyanide, 35 to 45 g/1 potassium bitartarate, 4 to 6 g/1 copper sulphate and 1 to 3 g/1 ferric chloride at room temperature for 1 minute, stripping of the so formed zincate layer by dipping in 50% nitric acid for 30-45 seconds and then rezincating the job in similar alloy zincating sloution for 30 to 45 seconds

(v) electoless nickel plating for 30-100 minutes in a solution containing 25 to 35 g/1 of nickel sulphate, 8 to 12 g/1 of sodium hypophosphite, 10 to 15 g/1 of sodium citrate, 4 to 6 g/1 sodium acetate and 0.5 to 1 mg/1 thiourea, the said bath having a pH 4 to 6 at 85-100°C, heating the plate object at a temperature of 150-200°C in inert atmosphere for 1-2 hours and activating in 50% hydrochloric acid for 30 seconds followed by rinsing in water

(vi) gold striking in a bath containing, gold potassium cyanide 2-5 g/1, citric acid 45-65 g/1, sodium citrate 45-65 g/1, operaitng at pH 3-5, temperature 50-65°C, current density 1-2 Amp/ft^2 for 2-5 minutes

(vii) Gold plating in a bath containing, 8 to 14 g/1 of gold potassium cyanide, 45 to 65 g/1 citric acid, 45 to 65 g/1 sodium citrate at pH 3 to 5, temperature of 60 to 75°C and current density 2-4 Amp/ft^2 for 5 to 60 minutes.

Compl. Specn. 11 pages.

Ind. Cl. : 14-B & D_1—[GROUP—LVII (1)] 171729

Int. Cl.[4] : H 01 M 2/02

AN INSULATION SLEEVE FOR A ROUND GALVANIC PRIMARY CELL AND A PROCESS FOR PRODUCING THE SAME.

Applicant : VARTA BATTERIE AKTIENGESELLSCHAFT OF AN LEINEUFER 51, 3000 HANNOVER 21, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) KLAUS RUGGEBERG, (2) HORST-UDO JOSE.

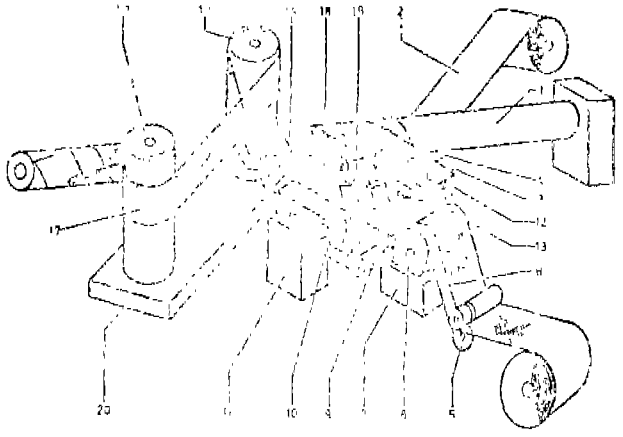
Application No. 799/Mas/88 filed on November 16, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, (Patents Rules, 1972), Patent Office, Madras Branch.

22 Claims

An insulation sleeve for a round galvanic primary cell comprising a coiled paper strip with an absorbent underside forming an inner tubular surface of the coiled strip for absorbing electrolyte and a plastic coated upper side forming an outer tubular surface of the coiled strip for sealing in the electrolyte and for shielding the absorbing layer, said strip having a first lengthwise edge folded over toward the underside such that the folded over edge overlaps and is adhesively

joined to a second, unaltered lengthwise edge of the coiled strip.



Compl. Specn. 15 pages. Drgs. 1 sheet.

Ind. Cl. : 2—[GROUP—XIX (1)] **171730**

Int. Cl.[4] : A 61 K 35/78

A METHOD OF PREPARING A SYNERGISTIC COMPOSITION IN LIQUID FORM COMPRISING NUTMEG OLEORESIN AND SANDAL WOOD OIL.

Applicant & Inventor : GIRIVAS VISWANATH SHET, (INDIA) MYSORE SANDAL PRODUCTS, P.B. No. 27, AMARAVATHY, KOCHI-682 001, (KERALA).

Application No. 227/Mas/91 filed on March 20, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, (Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims (No drawing)

A method of preparing a synergistic composition in liquid form comprising nutmeg oleoresin and sandal wood oil by mixing nutmeg oleoresin and sandal wood oil intimately in proportion of weight as follows :—

(a) Nutmeg Oleoresin—1 gm to 100 gms.

(b) Sandal wood oil—1 gm to 25 gms.

Compl. Specn. 4 pages.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

Claim made by 3D COMPOSITES LIMITED, in connection with Patent Application No. 482/Mas/88 (171714) has been allowed.

Claim made by GEC PIESSEY TELECOMMUNICATIONS LIMITED, in connection with Patent Application No. 616/Mas/88 (171721) has been allowed.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras and Delhi at two rupees per copy :—

(1)

159841 159842 159843 159844 159845 159846 159847 159848 159849 159850 159851 159852 195853 159854 159855 159856 159857, 159858 159859 159860 159861 159862 195863 159864 159865 159866 159867 159868 159869 159870 159871 159872 159873 159874 159875 159876 159877 159878 159879 159880 159881 159882 159883 159884 159885 159886, 159887 159888 159889 159390 159891 159892 159893 159894 159895 159896 159897 159898, 159899 159900 159901 159902 159903 159904 159905 159906 159907 159908 159909 159910 159911, 159912 159913 159914 159915 159916 159917 159918 159919 159920 159921 15922 159923 159924 159925 159926 159927 159928 159929 159930 159931 159932 159933 159934 159935 159936 159937 159938 159939 159940 159941 159942 159943 159944 159945 159946 159947 159948 159949 159950 159951 159952 159953 159954 159955 159956 159957 159958 159959 159960 159961 159962 159963 159964 159965 159966 159967 159968 159969 159970 159971 159972 159973 159974 159975

PATENT SEALED

ON 20-11-1992

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Cal-20, Del-04, Mas-12 & Bom-Nil

*** Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.**

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by LANXIDE TECHNOLOGY COMPANY, L.P. Tralee Industrial Park, Newyork, Delaware 19711, U.S.A. in respect of Patent Application No. 166061 as advertised in Part III, Section 2 of the Gazette of India on 28-9-91 and no opposition being filed within the stipulated period the said amendments have been allowed.

Notice is hereby given that CYPRUS INDUSTRIAL MINERALS COMPANY, a corporation organised under the laws of the U.S.A. of 7000 South Yosemite Street, Englewood, Colorado 80155 Delaware, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their Patent Application No. 170645 for "Method and Apparatus for the separation of two or more descrete particulate material of different sliding coefficient of friction".

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within three months from the date of this Notification at the Patent Office, CALCUTTA. If the written statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that INDUSTRIAL PROGRESS INC., a corporation of the State of New Jersey, United States of America, of 614 Highway No. 130 P.O. Box 968, East Windsor, New Jersey 08520, United States of America, have made application under section 57 of the Patents Act 1970 for amendment of address for service in India, in respect of Patent Appplication No. 185/Bom/1990 (171538) for "A process for synthesizing complex functional microgels with rapid formation kinetics"., The application for amendments and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, 3rd Fl., Sun Mill Compound, Lower Parel (West), Bombay-400 013, on any working day during the usual official hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the apppplication for amendment may file a notice of opposition on the prescribed Form-30 alongwith fill written statement within three months from the date of this notification to the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the notice of opposition it should be left within one month from the date of filing the said notice of opposition.

Notice is hereby given that INDUSTRIAL PROGRESS INC., a corporation of the State of New Jersey, United States of America of 614, Highway No. 130, P.O. Box 968, East Windsor, New Jersey 08520, United States of America, have made application under section 57 of the Patents Act, 1970 for amendment of address for service in India, in respect of Patent Application No. 184/Bom/1990 (171537) for "A process for making structural aggregate pigments". The application for amendmen's and proposed amendment can be inspected free of charge at The Patent Office Branch, Todi Estate, 3rd Fl., Sun Mill Compound, Lower Parel (West), Bombay-400 013, on any working day during the usual official hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 alongwith full written statement within three months from the date of this notification to the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the notice of opposition it should be left within one month from the date of filing the said notice of opposition .

ENDORSEMENT OF PATENTS WITH THE WORDS LICENCE OF RIGHT UNDER SECTION 87 OF THE PATENTS ACT, 1970

Patent No.	*Date*
160895	08-01-1992
160896	
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RENEWAL FEES PAID

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CESSATION OF PATENTS

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RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 165588 granted to Daizabyro Nakamoto for an invention relating to "blended jute yarns their method of manufacture and apparatus used for the same.

The Patent ceased on the 23rd October 91 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2, dated 12th December 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta-700 020 on or before the 19th February 93, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patents No. 161167 granted to Kidar Nath Babbar for an invention relating to "a motive means for an air conditioning system for buses and like vehicles."

The Patent ceased on the 6th December 91 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2, dated 12th December 1992.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta-700 020 on or before the 19th February 93, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an aplication for restoration of Patent No. 162560 dated the 14th October 1985 made by Brojendra Narayan Mazumder on the 27th May 1992 and notified in the Gazette of India Part III, Section 2, dated the 1st August 1992 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry :

Class 1. No. 164162. Harishbhai Suryakant Kothari, Indian of "Chandrashila", Mohan Amin Marg, Rajkot-360 001, Gujarat, India. "Spider for Razor". March 17, 1992.

Class 1. No. 164166. Harishbhai Suryakant Kothari, Indian, "Chandrashila", Mohan Amin Marg, Rajkot-360 001, Gujarat, India. "Spider for Razor". March 19, 1992.

Class 3. No. 164137. L. V. Sham Cottage Industries, 2292/2, Inside Gate Hakiman, Amritsar-143 001, Punjab, India. "Torch". March 4, 1992.

Class 3. No. 164257. Mrs. Pratima Josbi, Indian, C-1/102, Ashok Vihar, Phase-II, Delhi-110 052. India. "Torch". April 20, 1992.

Class 3. No. 164407, Videocon International Ltd., Indian Company of Auto Cars Compound, Adalat Road, Aurangabad-431 005, Maharashtra, India. "Air Coller". May 25, 1992.

Class 3. 164420. Lakme Limited at Bombay House 24, Homi Mody Street, Bombay-400 001, Maharashtra, India. Bottle without cap". May 29 ,1992.

Class 3. 164421. Lakme Limited at Bombay House, 24, Homi Mody Street, Bombay-400 001, Maharashtra, India. "Bottle". May 29, 1992.

Class 3. 164422. Lakme Limited at Bombay House, 24, Homi Mody Street, Bombay-400 001, Maharashtra, Idnia. "Bottle with sprayer". May 29, 1992.

Class 3. No. 164623. Bhaion-ki-Dukan, 899-Chowk Qutab Road, Delhi-110 006, India. Indian Partnership Firm. "Container". July 27, 1992.

Class 5. No. 164419. Lakme Limited, Bombay House, 24 Homi Mody Street, Bombay-400 001, Maharashtra, India. "Carton". May 29, 1992.

Class 12. No. 164429. Choudhury Plastic Works, 4232, Gali Barna, Sadar Bazar, Delhi-110 006, India, Indian Proprietory Concern. "Film Viewer". June 2, 1992.

Copyright extended for the 2nd period of five years

No. 158701	Class 1.
Nos. 163860 to 163872, 164011, 163062, 163890, 158731 & 158700	Class 3.
No. 163061	Class 12

Copyright extended for the 3rd period of five years.

Nos. 163860 to 163872, 152147, 164011, 163062 and 163870	Class 3.
No. 152450	Class 4.

R. A. ACHARYA
Controller General of Patents Designs and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1992
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